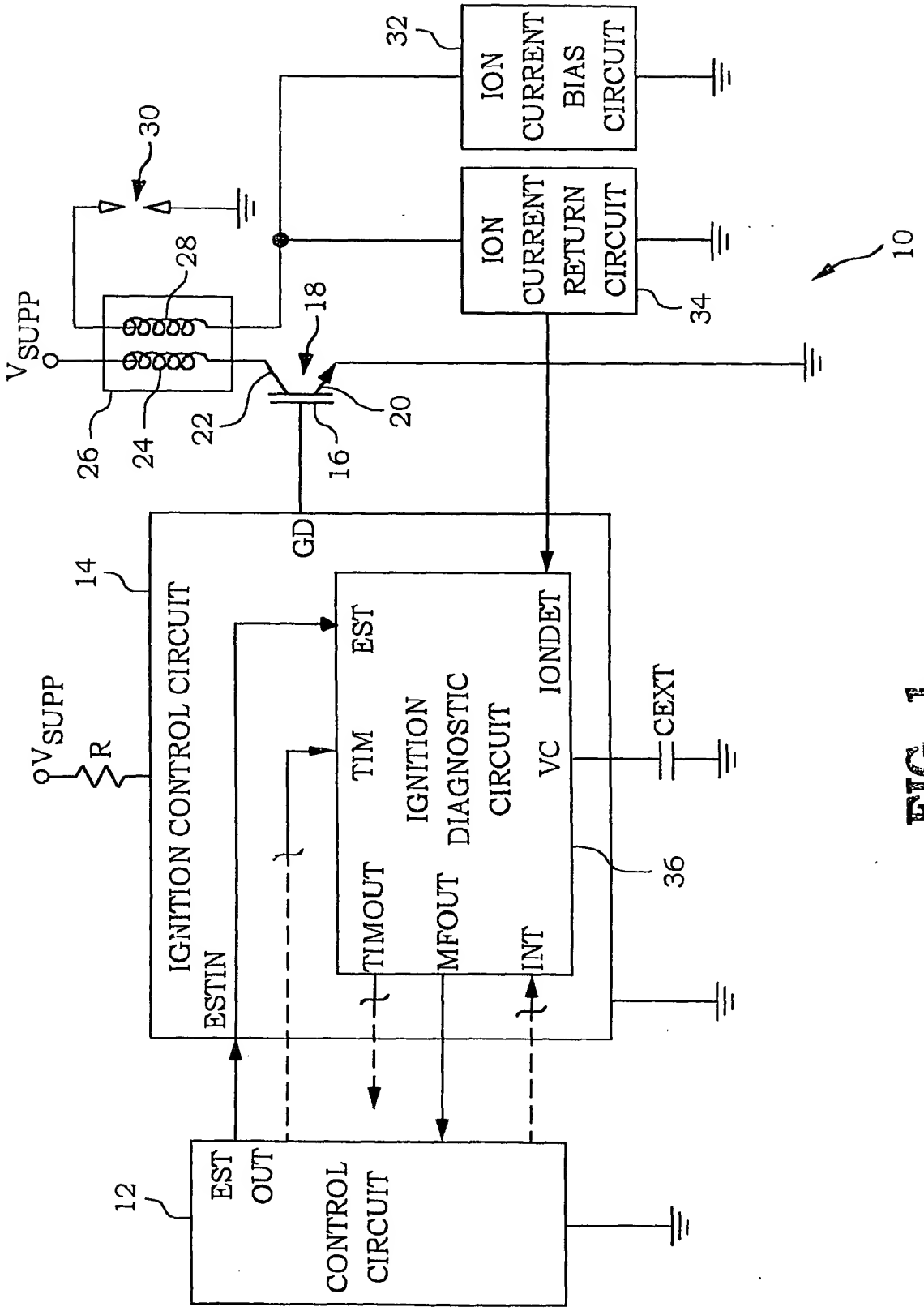

FIG. 1

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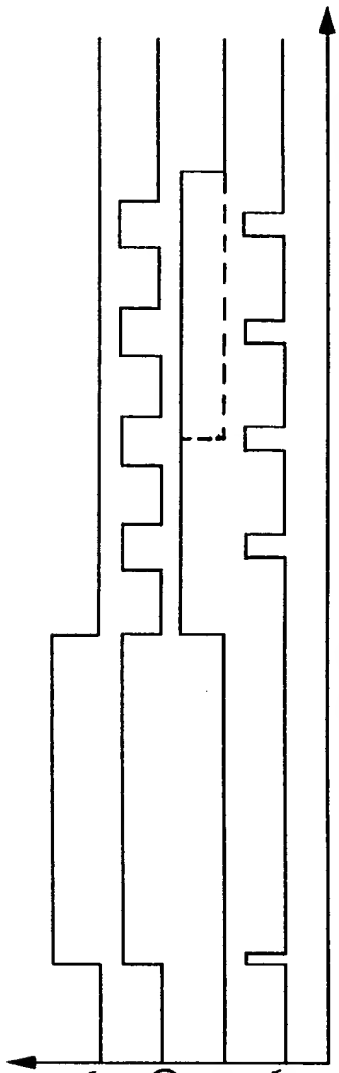


FIG. 2A

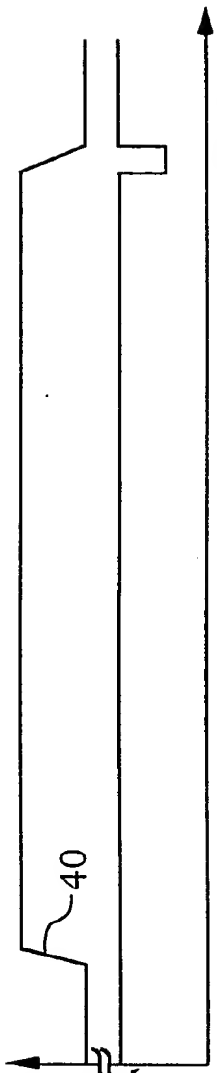


FIG. 2B

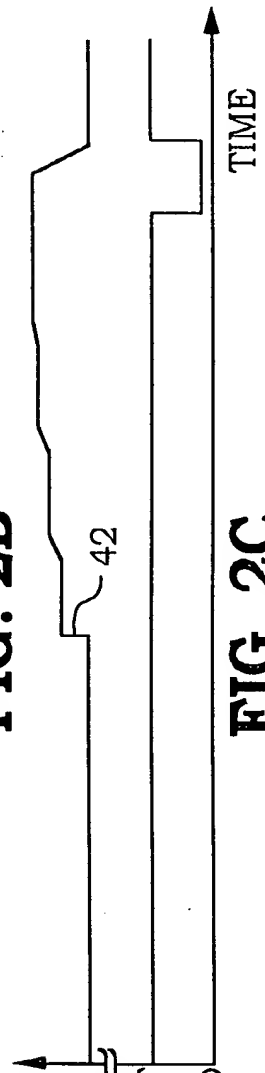


FIG. 2C

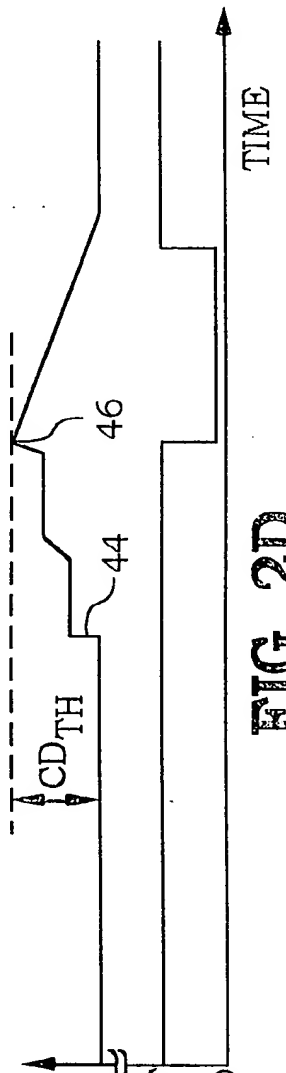
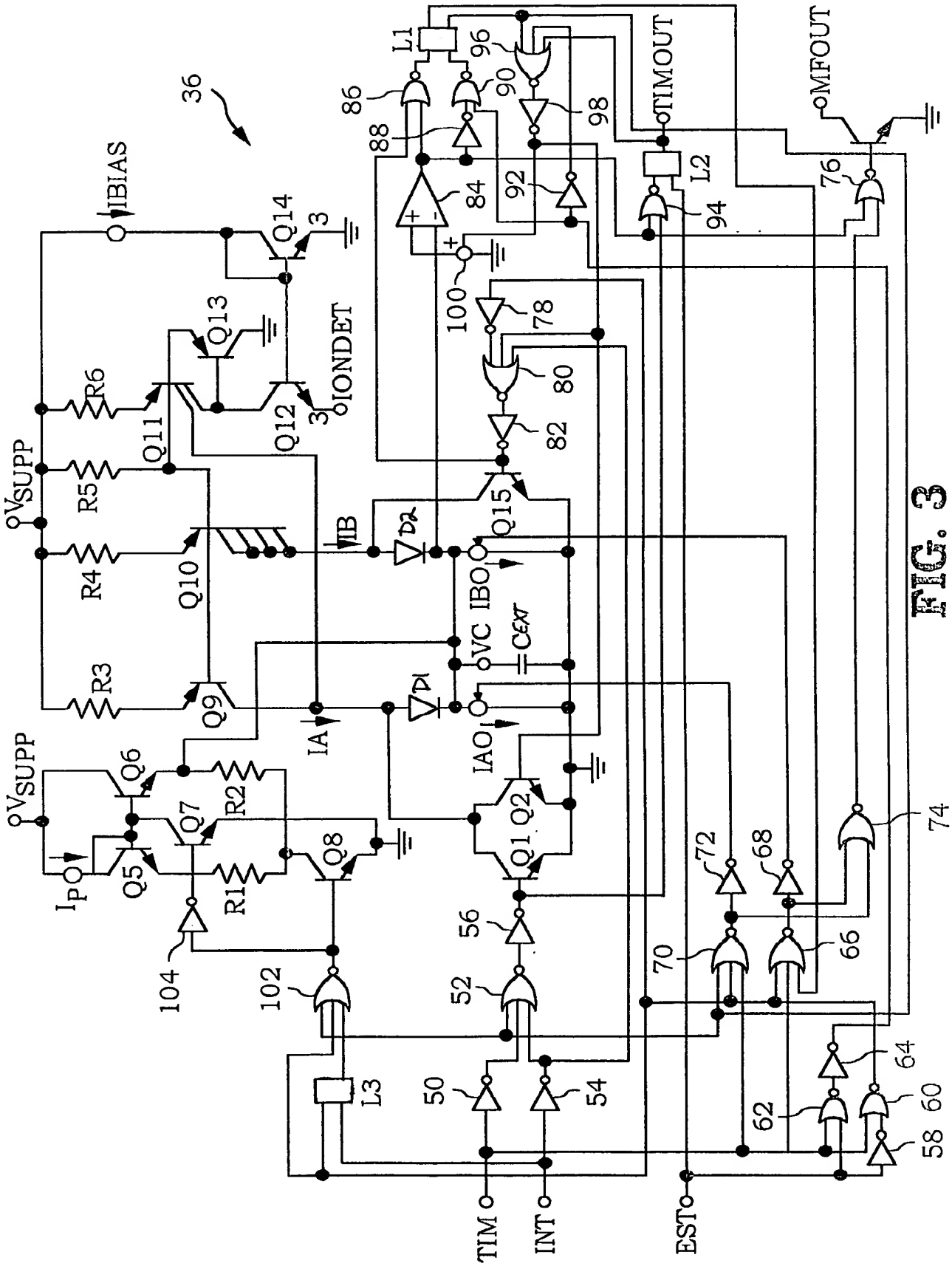


FIG. 2D


36
IBIAS
Q14
3
Q13
IONDET
R6
Q11
Q12
3
VSUPP
R5
R4
Q10
IB
D2
Q15
IBO
VC
CEXT
R3
Q9
D1
IA
IAO
VSUPP
Q6
R2
Q7
Q8
Q1
Q2
IP
Q5
R1
L1
86
88
84
96
90
98
92
TIMOUT
L2
94
MFOUT
76
100
78
80
82
104
102
56
52
72
68
74
70
66
64
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L3
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TIM
INT
EST

FIG. 3